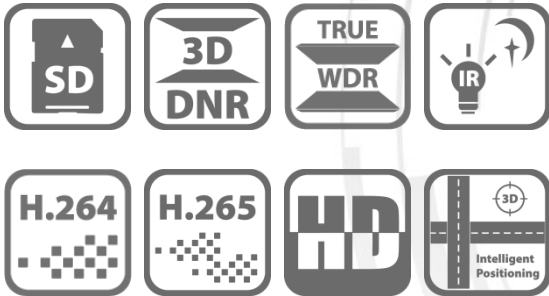


## PTZ-N4225I-DE 2 MP 25× IR Network Speed Dome



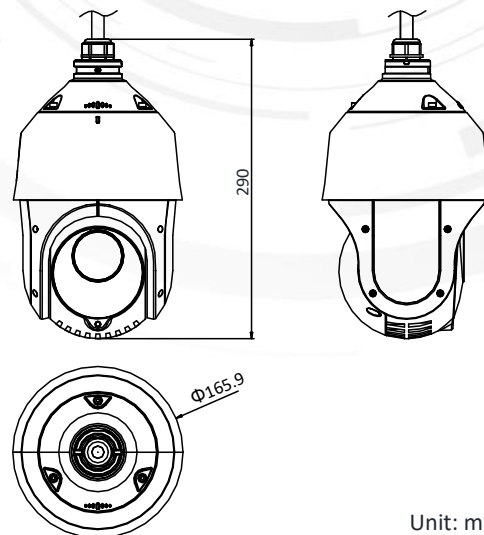
### Key Features

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080@30fps resolution
- Min. illumination:  
Color: 0.005 Lux @(F1.6, AGC ON)  
B/W: 0.001 Lux @(F1.6, AGC ON)  
0 Lux with IR
- Up to 100 m IR distance
- 25× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, BLC, Smart IR
- 12 VDC & PoE+ (802.3at, class4)
- Support H.265+/H.265 video compression
- Up to 24 programmable privacy masks
- Support ROI

### Available Model

- PTZ-N4225I-DE

### Dimensions



Unit: mm

## Specification

Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON) B/W: 0.001 Lux @(F1.6, AGC ON) 0 Lux with IR
White Balance	Auto/Manual/ATW (Auto-Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
AGC	Auto/Manual
Shutter Time	1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16×
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto/Semi-automatic/Manual
WDR	120 dB WDR
Lens	
Focal Length	4.8 mm to 120 mm, 25× optical
Zoom Speed	Approx. 3.2 s (optical lens, wide-tele)
FOV	Horizontal field of view: 57.6° to 2.5° (wide-tele) Vertical field of view: 34.4° to 1.4° (wide-tele) Diagonal field of view: 64.5° to 2.9° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.6 to F3.5
IR	
IR Distance	100 m
Smart IR	Support
PTZ	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Movement Range (Tilt)	From -15° to 90° (Auto-flip)
Tilt Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Proportional Zoom	Support
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Support
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
PTZ Position Display	Support
Preset Freezing	Support
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
Compression Standard	
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Support
H.265 Type	Main Profile

H.265+	Support
Video Bitrate	32 Kbps to 16384 Kbps
Audio Compression	G.711alaw/G.711ulaw/G.722/G.726/MP2L2/PCM
Audio Bitrate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 160 Kbps (MP2L2)
SVC	Support
<b>Smart Feature</b>	
Basic Event Detection	Motion Detection, Video Tampering Detection, Exception Detection
Smart Event Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection
ROI encoding	Main stream, sub-stream and third stream respectively support four fixed areas.
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA
<b>Image</b>	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
<b>Network</b>	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
<b>Interface</b>	
Audio Interface	1-ch audio input and 1-ch audio output
Network Interface	1 RJ45 10 M/100 M Ethernet Interface; PoE+
<b>General</b>	
Power	12 VDC & PoE+ (802.3at, class4), Max.:18 W (IR Max.6 W)
Working Temperature	-30°C to 65°C (-22°F to 149°F)
Working Humidity	≤ 90%
Protection Level	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	ADC 12, PC+10% GF
Dimensions	Φ 165.9 mm × 290 mm (Φ 6.53" × 11.42")
Weight	Approx. 2.5 kg (5.51 lb)

## Accessories



DS-1618ZJ Wall Mounting Bracket



DS-1602ZJ Wall Mounting Bracket



DS-1602ZJ-corner Corner Mounting Bracket



DS-1602ZJ-pole Vertical Pole Mounting Bracket



DS-1602ZJ-box Wall Mounting Bracket with Junction Box



DS-1663ZJ Ceiling Mounting Bracket



DS-1671ZJ-SDM9 In-ceiling Mounting Bracket



DS-1661ZJ Pendant Mounting Bracket



DS-1662ZJ Pendant Mounting Bracket



DS-1619ZJ Gooseneck Mounting Bracket



DS-1100KI Network Keyboard



DS-1005KI USB Joy-stick